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PATENT

**OFFICIAL**

(Practitioner's Docket No. IN-5544)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Wolfgang BREMSER

Serial No. 10/018,350

Group Art Unit: Not Assigned

Filed: December 7, 2001

Examiner: Not Assigned

For COLORING AND/OR EFFECT-CREATING MULTILAYER ENAMEL COATING, METHOD  
FOR THE PRODUCTION THEREOF AND ITS USE

Commissioner of Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office (fax No.: (703) 872-9310 on the date shown below:

- Petition for reconsideration of the Notification of Missing Requirements in duplicate
- Copy of the Notification of Missing Requirements
- True copies of:  
Combined Declaration/Power of Attorney  
PCT Published Application (cover sheet only)  
Return Receipt Postcard

Total pages 13 .

CONDITIONAL PETITION FOR EXTENSION OF TIME

Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition for extension of time. In this event, please charge Deposit Account 23-3425 the necessary extension of time fees. This document is submitted in duplicate.

Monday, April 28, 2003

Date

Marjorie Ellis

(Typed or printed name of person mailing paper or fee)



Signature of person mailing paper or fee)

**PATENT**

(Practitioner's Docket No. IN-5544)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Wolfgang BREMSER

Serial No.: This application is a National  
Phase of Patent Application  
PCT/EP00/00/05825 filed 23. June 2000.

Group Art Unit: Not Assigned

Filed: December 7, 2001

Examiner: Not Assigned

For: COLORING AND/OR EFFECT-CREATING MULTILAYER ENAMEL COATING,  
METHOD FOR THE PRODUCTION THEREOF AND ITS USEAssistant Commissioner of Patents  
2900 Crystal Drive  
Box PCT  
Arlington, VA 22202-3513**EXPRESS MAIL CERTIFICATE**"Express Mail" label number E332278641US

Date of Deposit

December 7, 2001

I hereby certify that the following attached paper or fee

 Combined Declaration and Power of Attorney02 Page(s)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, 2900 Crystal Drive, Box PCT, Arlington, VA 22202-3513

Marjorie Ellis

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Note: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing of the drawings be accompanied by a set of informal drawings on which the label number is placed.

## (12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum  
Internationales Büro(43) Internationales Veröffentlichungsdatum  
11. Januar 2001 (11.01.2001)

PCT

(10) Internationale Veröffentlichungsnummer  
**WO 01/02102 A2**(51) Internationale Patentklassifikation<sup>7:</sup>**B05D**(81) Bestimmungsstaaten (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

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## Veröffentlicht:

— Ohne internationalem Recherchenbericht und erneut zu veröffentlichen nach Erhalt des Berichts.

(72) Erfinder; und

(75) Erfinder/Anmelder (*nur für US*): BREMSER, Wolfgang [DE/DE]; Am Brook 10, D-48165 Münster (DE).

(74) Anwalt: FITZNER, Uwe; Lintorfer Str. 10, D-40878 Ratingen (DE).

Zur Erklärung der Zwei-Buchstaben-Codes und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

(54) Titel: COLORING AND/OR EFFECT-CREATING MULTILAYER ENAMEL COATING, METHOD FOR THE PRODUCTION THEREOF AND ITS USE

(54) Bezeichnung: FARB- UND/ODER EFFEKTGEBENDE MEHRSCHICHTLACKIERUNG, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG

(57) Abstract: The invention relates to a coloring and/or effect-creating multilayer enamel coating ML which is provided for a primed or non-primed substrate and which contains, in an overlapping manner: (1) a filler coat FL which absorbs mechanical energy, and (2) a coloring and/or effect-creating finishing enamel coating DL; or (1) a filler coat FL which absorbs mechanical energy, (2) a coloring and/or effect-creating base enamel coating BL, and (3) a clear enamel coating KL; or (1) a coloring and/or effect-creating base enamel coating BL, and (2) a clear enamel coating KL. At least one coat, preferably at least two coats and especially all coats of the multilayer enamel coating ML is/are made of a coating material that contains at least one constituent (A) which can be produced in an aqueous medium by radically polymerizing: a) olefinically unsaturated monomers and; b) olefinically unsaturated monomers which are different from the olefinically unsaturated monomers cited in a) and which are of formula (I)  $R^1R^2C=CR^3R^4$ , wherein the radicals  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$ , independent of one another, represent hydrogen atoms or radicals of alkyl, cycloalkyl, alkylcycloalkyl, cycloalkylalkyl, aryl, alkylaryl, cycloalkylaryl, arylalkyl or arylcycloalkyl, whereby at least two are radicals of aryl, arylalkyl or arylcycloalkyl.

(57) Zusammenfassung: Farb- und/oder effektgebende Mehrschichtlackierung ML für ein grundiertes oder unggrundiertes Substrat, die (1) eine mechanische Energie absorbiende Füllerschicht FL und (2) eine farb- und/oder effektgebende Decklackierung DL oder (1) eine mechanische Energie absorbiende Füllerschicht FL, (2) eine farb- und/oder effektgebende Basislackierung BL und (3) eine Klarlackierung KL oder (1) eine farb- und/oder effektgebende Basislackierung BL und (2) eine Klarlackierung KL übereinanderliegend enthält, wobei mindestens eine Schicht vorzugsweise mindestens zwei Schichten und insbesondere alle Schichten der Mehrschichtlackierung ML aus einem Beschichtungsstoff hergestellt worden ist oder sind, welcher mindestens einen Bestandteil (A) enthält, der durch radikalische Polymerisation von a) olefinisch ungesättigten Monomeren und b) von den olefinisch ungesättigten Monomeren (a) verschiedenen olefinisch ungesättigten Monomeren:  $R^1R^2C=CR^3R^4$  (I), worin die Reste  $R^1$ ,  $R^2$ ,  $R^3$  und  $R^4$  jeweils unabhängig voneinander für Wasserstoffatome oder Radikale von Alkyl-, Cycloalkyl-, Alkylcycloalkyl-, Cycloalkylalkyl-, Aryl-, Alkylaryl-, Cycloalkylaryl-, Arylalkyl- oder Arylcycloalkylresten sind; in einem wässrigen Medium herstellbar ist.

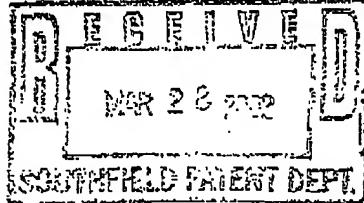
**WO 01/02102 A2**

Page 1 of 2



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 Washington, D.C. 20231  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/018,350	Wolfgang Bremser	IN-5544
INTERNATIONAL APPLICATION NO.		
PCT/EP00/05825		
IA. FILING DATE		PRIORITY DATE
06/23/2000		06/30/1999
CONFIRMATION NO. 4876		
371 FORMALITIES LETTER		
  10C00000007675324		

Date Mailed: 03/20/2002

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Assignee Statement
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - does not identify the application to which it is directed.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Page 2 of 2

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

FREDERICK SMITH

Telephone: (703) 305-3654

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/018,350	PCT/EP00/05825	IN-5544

FORM PCT/DO/EO/905 (371 Formalities Notice)

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## THIS ACKNOWLEDGES:

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|-------------------------------------|---|-------------------------------------|--|
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| <input checked="" type="checkbox"/> | Combined Declaration/Power of Attorney                | <input checked="" type="checkbox"/> | International Search Report                    |
| <input checked="" type="checkbox"/> | PCT/EP00/05825 Application Original German Text.      | <input checked="" type="checkbox"/> | PCT/EP00/05825 Application English Translation |

<input checked="" type="checkbox"/>	Specification on	59	page(s)	<input checked="" type="checkbox"/>	Specification on	78	page(s)
<input checked="" type="checkbox"/>	Claims on	69	page(s)	<input checked="" type="checkbox"/>	Claims on	11	page(s)
<input checked="" type="checkbox"/>	Abstract on	01	page(s)	<input checked="" type="checkbox"/>	Abstract on	02	page(s)
	Drawing(s) on		page(s)		Drawing(s) on		page(s)

Application No.: **JN-5544**  
 Docket No.: **JN-5544**  
 Filing Date: **December 7, 2001**  
 Inventor(s): **Wolfgang BREMSER**  
 Attorney(s): **Michael F. Morgan X Mary E. Golota**  
 Express Label No.: **ET332278641US**

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JH4 Rec'd PGT/PTO 07 DEC 2001

THIS ACKNOW

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